

Figure 1

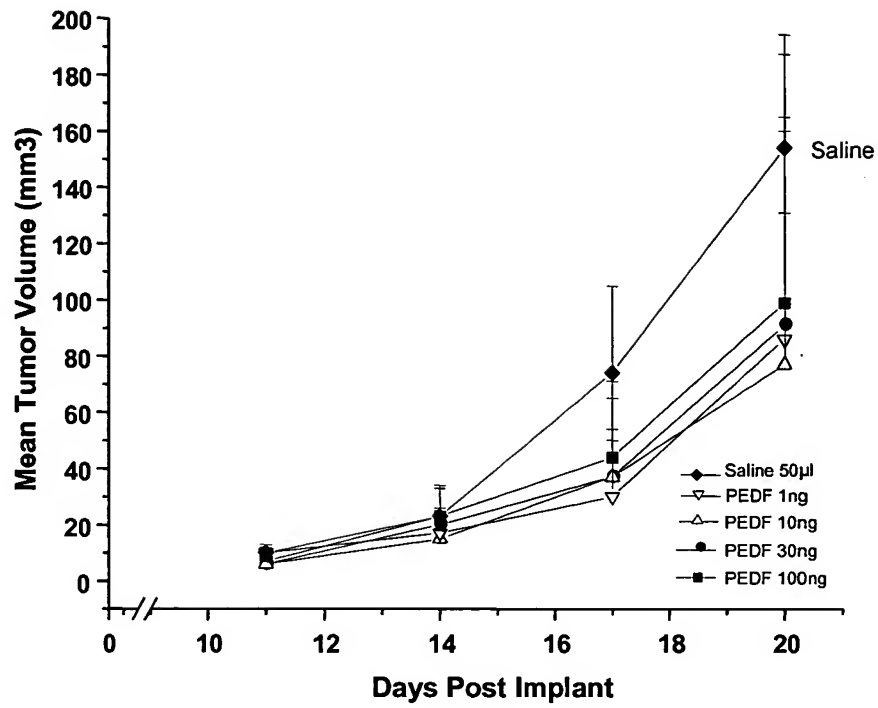


Figure 2

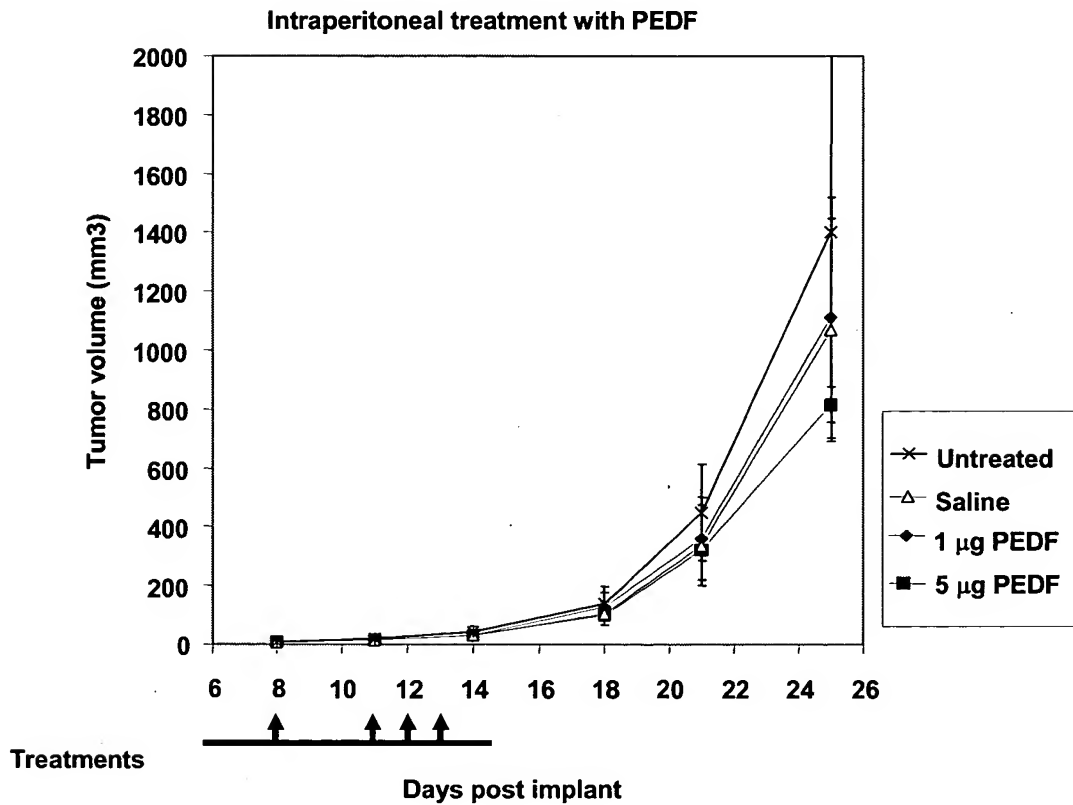


Figure 3

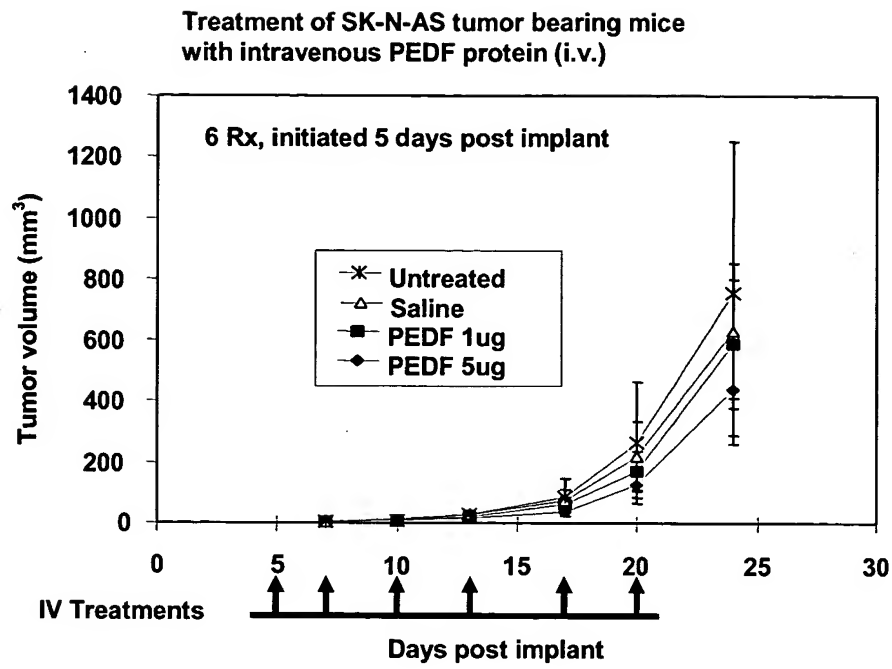


Figure 4

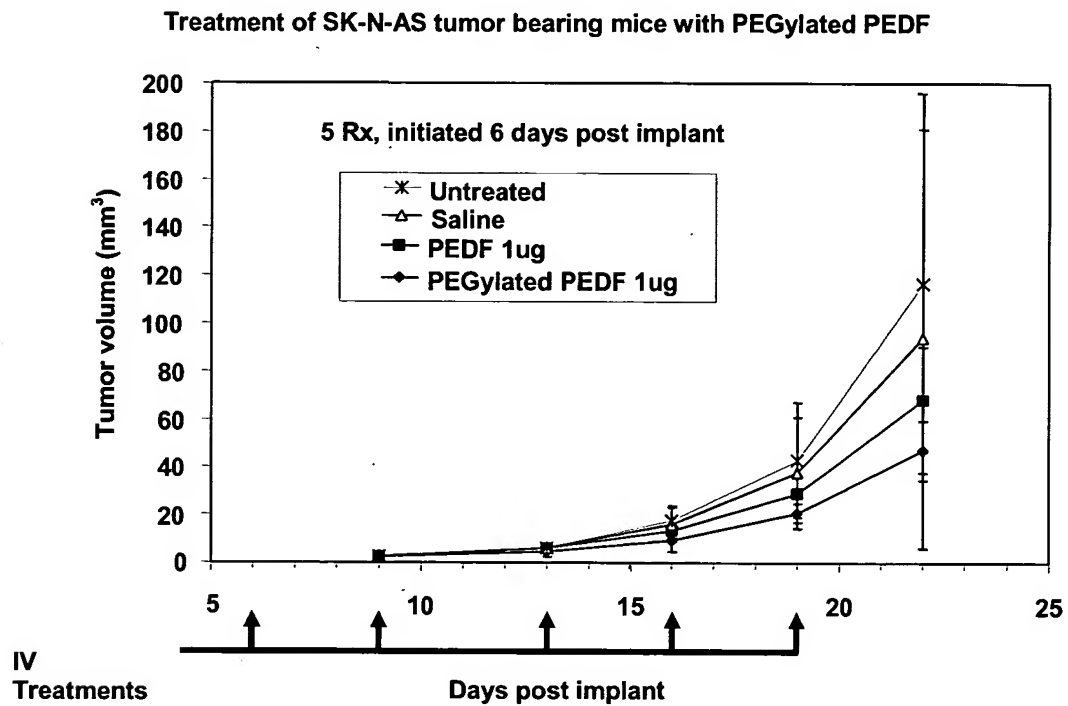


Figure 5

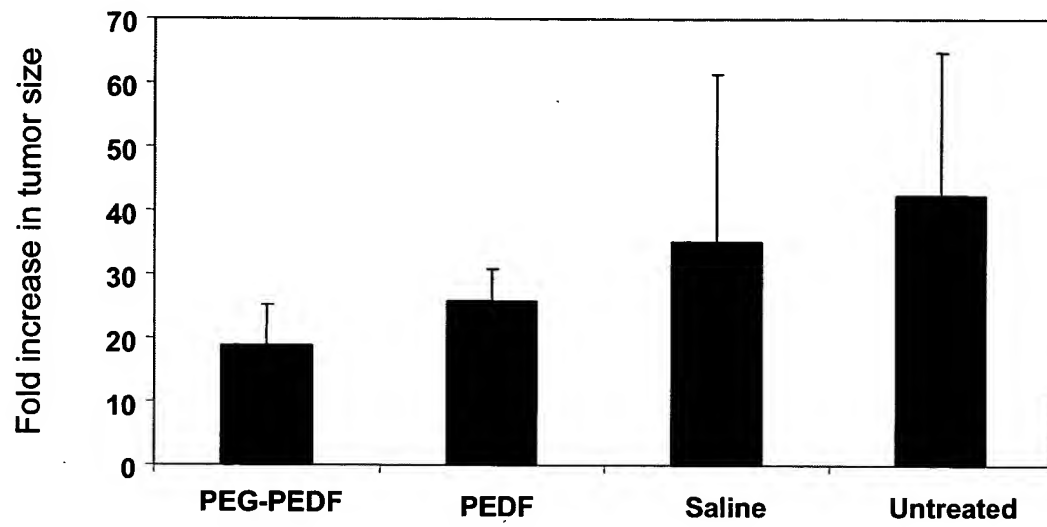


Figure 6

Human PEDF SEQ ID NO: 1

Signal sequence with predicted cleavage site
MQALVLLLCI GALLGHSSC/Q

1 NPASPPEEGS PDPDSTGALV EEEDPFFKVP VNKLAASVSN FGYDLYRVRS

51 SMSPTTNVLL *SPLSVATALS ALSLGAEQRT ESIIHRALYY DLISSPDIHG*

101 *Potential collagen binding domain*
TYKELLDTVT APQKNLKSAS RIVFEKKLRI KSSFVAPLEK SYGTRPRVLT

151 GNPRLDLQEI NNWVQAQMKG KLARSTKEIP DEISILLGV AHFKGQWVTK

201 FDSRKTSLED FYLDEERTVR VPMMSDPKAV LRYGLSDLS *free cysteine*
CKIAQLPLTG

251 SMSIIFFLPL KVTQNLTLIE ESLTSEFIHD IDRELKTVQA VLTVPKLLKS

301 YEGEVTKSLQ EMKLQSLFDS PDFSKITGKP IKLTQVEHRA GFEWNEDGAG

351 *RCL in italics from P14 - P10'*
TTPSPGLQPAHL/TFPLDYHL NQPFIFVLRD TDTGALLFIG KILDPRGP
L/T = P1 protease cleavage site

Figure 7

Human maspin - SEQ ID NO: 2

No canonical signal

1 MDALQLANSA FAVDLFKQLC EKEPLGNVLF SPICLSTSLS LAQVGAKGDT

51 *putative collagen binding domain*
ANEIGQVLHF ENVKDIPFGF QTVTSDVNKL SSFYSLKLIK RLYVDKSLNL

101 STEFISSTKR PYAKELETVD FKDKLEETKG QINNSIKDLT DGHFENILAD

151 NSVNDQTKIL VVNAAYFVGK WMKKFPESET KECPFRLNKT DTKPVQMMNM

201 EATFCMGNID SINCKIIELP FQNKHLSMFI LLPKDVEDES TGLEKIEKQL

251 NSESLSQWTN PSTMANAKVK LSIPKFKVEK MIDPKACLEN LGLKHIFSED

301 *ER retention signal in RCL (KDEL)*
TSDFGMSET KGVALSNIH KVCLEITEDG GDSIEVPGAR/ILQHKDELNA
R/I = P1 protease cleavage site

351 DHPFIYIIRH NKTRNIIFFG KFCSP